

Claims

1. A method for distributing and routing data packets during a handover of a mobile transceiver station (MS) from a first radio cell (cell1) to a second radio cell (cell2) within a mobile communication network, in particular during a packet-switched cell handover, with data packets being supplied to a network element (SGSN2, BSS2) of the mobile communication network via which a connection to the second radio cell (cell2) is routed, said data packets having been duplicated from at least a part of data packets routed to the first radio cell, characterized in that the type of distribution and routing of the duplicated data packets is determined by the network element (SGSN2, BSS2) without additional signaling.

2. The method as claimed in claim 1, characterized in that the mobile transceiver station (MS) is a subscriber terminal device and the network element (BSS2) is a base station.

3. The method as claimed in claim 1, characterized in that the mobile transceiver station (MS) is a subscriber terminal device and the network element (BSS2) is a controller.

4. The method as claimed in claim 1, characterized in that the mobile transceiver station is a subscriber terminal device and the network element is a GPRS-supporting network node.

5. The method as claimed in one of the preceding claims, characterized in that the type of distribution and

routing of the duplicated data packets is characterized by buffering, forwarding or discarding.

6. A network element (SGSN2, BSS2) for performing the method for distributing and routing data packets during a handover of mobile transceiver station (MS) from a first radio cell (cell1) to a second radio cell (cell2) within a mobile communication network, in particular during a packet-switched cell handover, wherein the network element (SGSN2, BSS2) has the following means:

- means for receiving data packets which have been duplicated from at least a part of data packets routed to the first radio cell (cell1),
- means for distributing and routing data packets and
- means for determining the type of distribution and routing of the duplicated data packets without additional signaling.

7. The network element as claimed in claim 6, characterized in that the network element (BSS2) is a base station.

8. The network element as claimed in claim 6, characterized in that the network element (BSS2) is a controller.

9. The network element as claimed in claim 6, characterized in that the network element (SGSN2) is a GPRS-supporting network node.

10. The network element as claimed in one of the preceding claims, characterized in that the type of distribution and routing of the duplicated data packets is characterized by buffering, forwarding or discarding.